

CTfastrak Expansion

Stakeholder Meeting #5

Manchester Town Hall

July 20, 2016



Today's Agenda

Future Phase Service Plan

- Service span and frequency
- Vehicle requirements

Future Phase Capital Needs

- Vehicle procurement
- Bus stop improvements
- Park and Ride Lots



Phase 2 Timeline

CTfastrak Eastern Expansion:

- Planning to be completed by October 2016
- Additional buses arriving late 2017
- Additional service in 2017 subject to funding
- CTfastrak facilities and infrastructure - longer-term



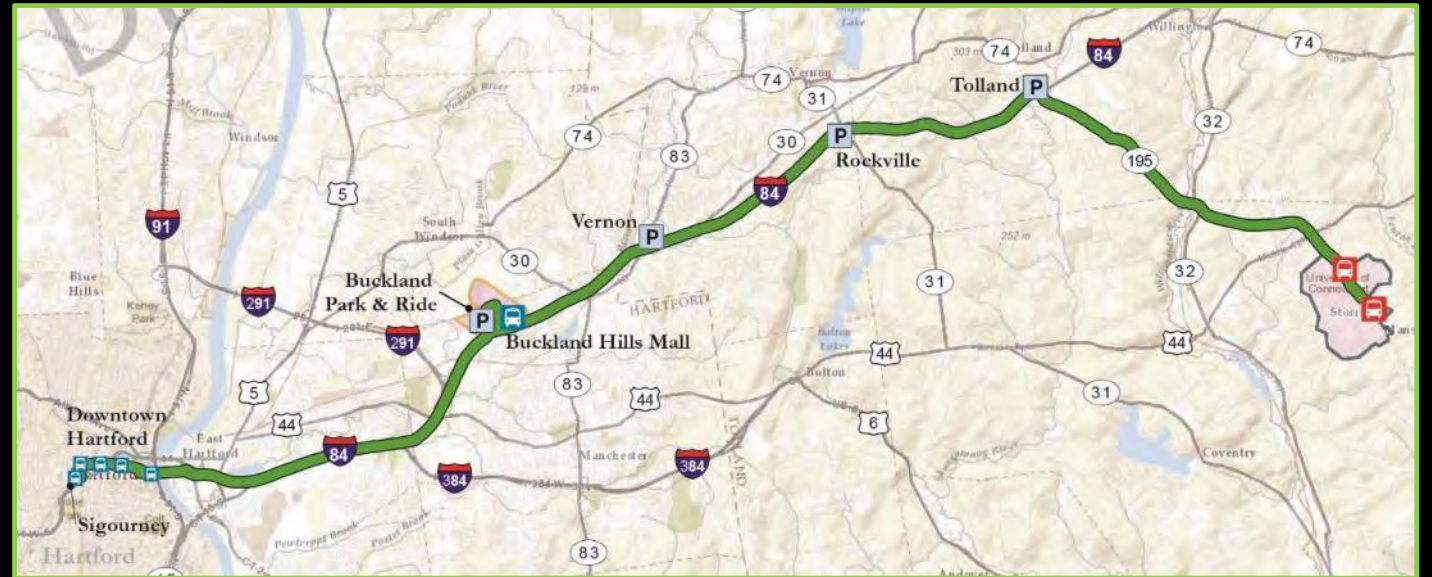
Phase 2 CTfastrak Service Plan

- UConn Storrs – Hartford Service
- CTfastrak Silver Lane
- CTfastrak Burnside Avenue
- Buckland Hills Shuttle



UConn Storrs-Hartford Service

- UConn Storrs campus to downtown Hartford
 - End at CTfastrak Sigourney Station
 - Via I-84 park-and-ride lots
 - Service to Buckland Hills Mall
- Service options
 - Evening service levels
 - Weekend service levels
 - Park-and-ride lot connections
 - Shuttle service still an option



CTfastrak Silver Lane

- No change in frequency or service hours on CTfastrak Route 121
- Eliminate stops with low CTfastrak ridership making them local bus only



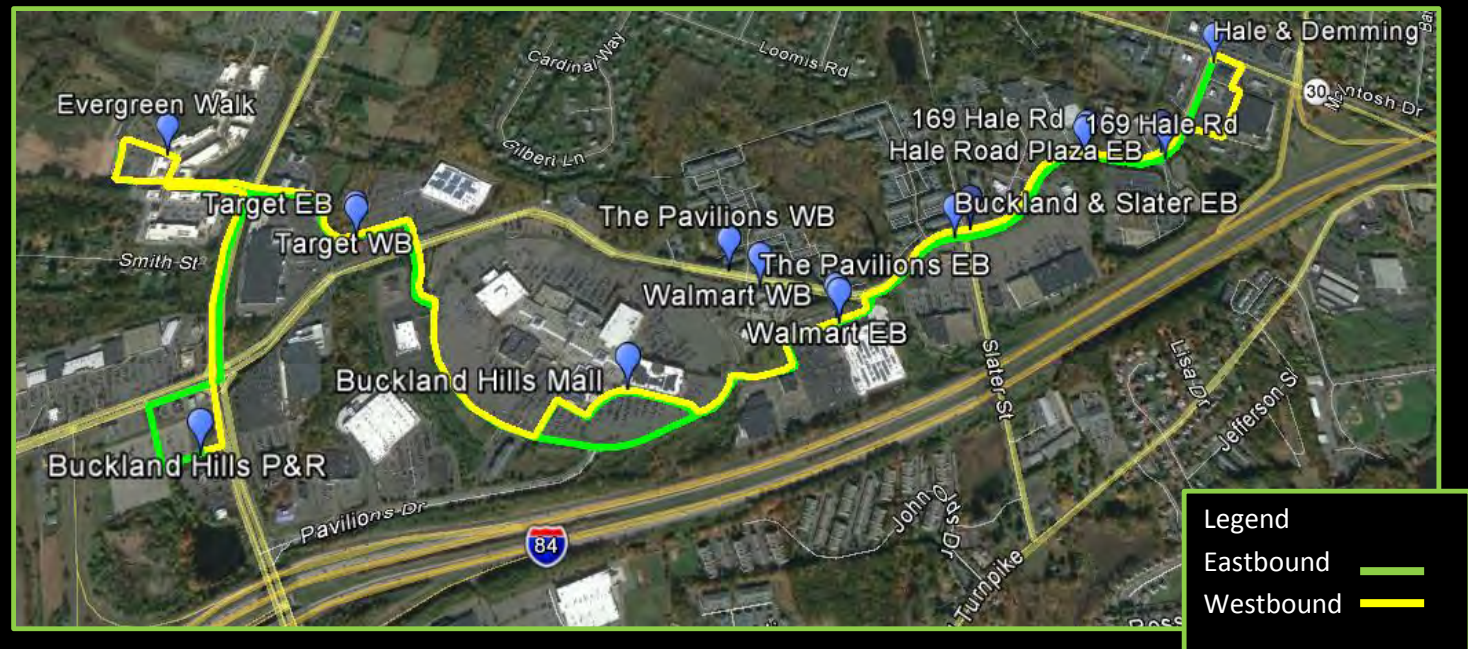
CTfastrak Burnside Avenue

- Buckland Hills to Hartford
 - Limited stops on Burnside Avenue
 - Possible extension to Flatbush Ave
- Service alternatives
 - Enhanced local bus service
 - Limited stop CTfastrak overlay
 - Semi-express CTfastrak overlay



Buckland Hills Shuttle

- Linear shuttle connection through Buckland Hills Drive/Hale Rd corridor
- Hourly connection to UConn Storrs - Hartford
- Serve additional locations in Buckland Hills area
- Smaller vehicles to access parking areas
- Service alternatives
 - Transfer at P&R
 - Transfer at Mall



Phase 2 CTfastrak Service Plan

- Service span
- Service frequency
- Vehicle requirements
- Estimated additional annual operating cost



Service Span

Service	Weekday	Saturday	Sunday
UConn Storrs – Hartford	5 a.m. – midnight <i>(until 1 a.m. Friday)</i>	7 a.m. – 1 a.m.	7 a.m. – 8 p.m.
CTfastrak Route 121 (Silver Lane)	5 a.m. – midnight <i>(no change)</i>	5 a.m. – midnight <i>(no change)</i>	6 a.m. – 9 p.m. <i>(no change)</i>
CTfastrak Burnside Avenue	5 a.m. - midnight	5 a.m. – midnight	6 a.m. – 9 p.m.
Buckland Hills Shuttle	9 a.m. – 10 p.m.	9 a.m. – 10 p.m.	9 a.m. – 8 p.m.



Service Frequency

Service	Weekday Peak	Weekday Off-Peak	Saturday	Sunday
UConn Storrs – Hartford	Hourly	Hourly	Hourly	Hourly
CTfastrak Route 121 (Silver Lane)	Every 20 minutes <i>(no change)</i>	Every 30 minutes <i>(no change)</i>	Every 30 minutes <i>(no change)</i>	Hourly <i>(no change)</i>
CTfastrak Burnside Avenue	Every 20 minutes	Every 30 minutes	Every 30 minutes	Hourly
Buckland Hills Shuttle	Every 30 minutes	Every 30 minutes	Every 30 minutes	Every 30 minutes



Vehicle Requirements

Service	Weekday Peak	Weekday Off-Peak	Saturday	Sunday
UConn Storrs – Hartford	6 (includes existing Tolland-Hartford Route 917 service)	2	2	2
CTfastrak Route 121 (Silver Lane)	7 (no change)	5 (no change)	5 (no change)	3 (no change)
CTfastrak Burnside Avenue	6	4	4	2
Buckland Hills Shuttle	2	2	2	2



Estimated Additional Annual Operating Cost

Service	Weekday Peak	Saturday	Sunday	Total
UConn Storrs – Hartford	\$1,012,000	\$220,000	\$176,000	\$1,408,000
CTfastrak Route 121 (Silver Lane)	\$0	\$0	\$0	\$0
CTfastrak Burnside Avenue	\$2,253,000	\$370,000	\$188,000	\$2,811,000
Buckland Hills Shuttle	\$715,000	\$146,000	\$137,000	\$998,000



Future Phase Capital Needs

Total vehicle procurement required (including spares):

- Nine (9) *CTfastrak* Buses
- Three (3) Commuter Coach Buses

Total Park and Ride Station Upgrades:

- Three (3) Locations – Manchester, Rockville, Tolland

Total Street Side Station Upgrades:

- Burnside Ave. – Up to Fourteen (14) Locations
- Silver Lane – Up to Ten (10) Locations



Future Phase Capital Needs

Cost Considerations for Park and Ride Stations

- Construction Costs
- Hard-Wired Telephone Lines

Cost Considerations for Street Side Stations

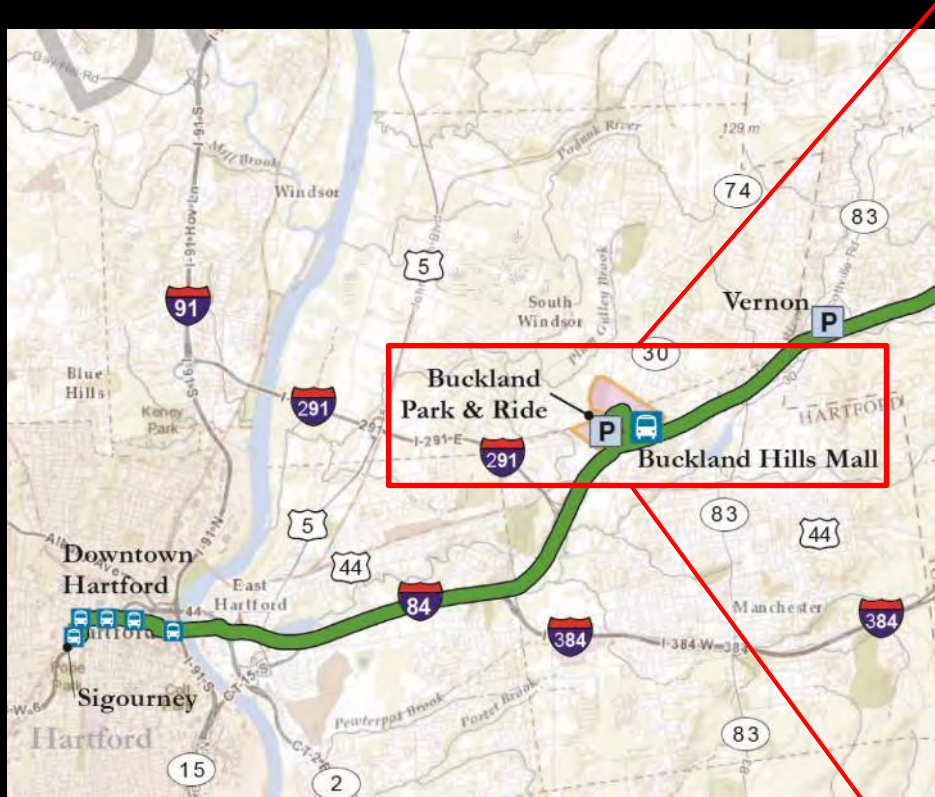
- Construction Costs
- Utility Impacts
- Rights-of-way Impacts
- ADA Accessibility



Typical Park and Ride Station Amenities



UConn Storrs – Hartford Park and Ride Stations - Buckland Hills Mall



UConn Storrs – Hartford Park and Ride Stations - Buckland Hills Mall



UConn Storrs – Hartford Park and Ride Stations - Rockville



UConn Storrs – Hartford Park and Ride Stations - Rockville



UConn Storrs – Hartford Park and Ride Stations - Tolland



UConn Storrs – Hartford Park and Ride Stations - Tolland



UConn Storrs – Hartford Park and Ride Stations



Future Phase Capital Needs

Station and Vehicle Technology



Real-Time Information



Solar Powered Lighting

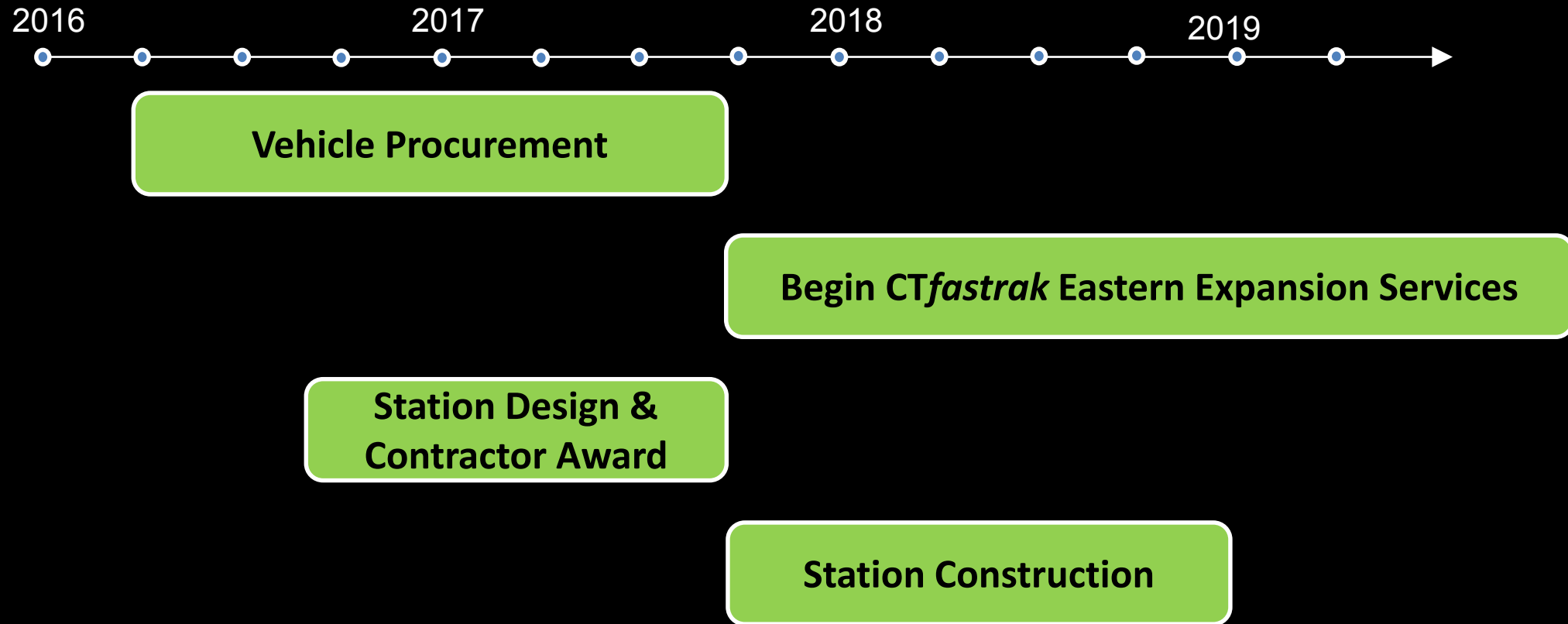


On-Board Wi-Fi



Total Implementation Costs and Timeline

FY2018 and FY 2019 Implementation Schedule



CTfastrak Expansion Meetings

- Nov. 20 – Stakeholder Meeting #1 - *Completed*
- Dec. 15 – Stakeholder Meeting #2 - *Completed*
- January 19, 2016 – 1st Public Open Houses - *Completed*
- February – UConn Outreach - *Completed*
- Feb. 19 – Stakeholder Meeting #3 - *Completed*
- June 3 – Stakeholder Meeting #4 - *Completed*
- July 20 – Stakeholder Meeting #5 - *Today*
- September 2016 – 2nd Public Open House

